Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122178.D
Acq On : 30 Oct 2020 13:30
Operator : JU/CG
Sample : PB132703BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132703BS

Manual Integrations APPROVED
mohammad
11/2/2020 12:35:53 PM

Quant Time: Oct 30 13:57:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	114632	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	457620	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	240351	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	450932	20.00	ng		0.00
76) Chrysene-d12	13.886	240	332582	20.00	ng		0.00
86) Perylene-d12	15.315	264	279852	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	916345	117.98	ng		0.01
7) Phenol-d6	6.369	99	1109826	111.00	ng		0.00
23) Nitrobenzene-d5	7.286	82	757130	84.85	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	360935	121.40	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1285398	78.69	ng		0.00
79) Terphenyl-d14	12.821	244	1382322	79.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	116945	34.23	ng		99
3) Pyridine	3.216	79	327519	36.47	ng		98
4) n-Nitrosodimethylamine	3.157	42	195672	45.07	ng		92
6) Aniline	6.381	93	399672	32.46	ng	#	20
8) 2-Chlorophenol	6.504	128	362698	46.20	ng		96
9) Benzaldehyde	6.269	77	115670	17.13	ng		97
10) Phenol	6.386	94	441966	42.83	ng		97
11) bis(2-Chloroethyl)ether	6.451	93	361815	45.36	ng		98
12) 1,3-Dichlorobenzene	6.651	146	375898	42.57	ng		98
13) 1,4-Dichlorobenzene	6.728	146	384495	43.37	ng		98
14) 1,2-Dichlorobenzene	6.881	146	349298	43.10	ng		98
15) Benzyl Alcohol	6.869	79	316206	48.90	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.986	45	512276	41.73	ng	#	4
17) 2-Methylphenol	6.986	107	291260	43.39	ng	#	88
18) Hexachloroethane	7.210	117	141515	44.19	ng		99
19) n-Nitroso-di-n-propyla...	7.139	70	264113	46.40	ng		97
20) 3+4-Methylphenols	7.145	107	382438	47.25	ng	#	67
22) Acetophenone	7.133	105	495023	42.04	ng	#	90
24) Nitrobenzene	7.304	77	404678	42.43	ng		100
25) Isophorone	7.545	82	722396	42.82	ng		98
26) 2-Nitrophenol	7.622	139	191758	43.66	ng		95
27) 2,4-Dimethylphenol	7.663	122	315728	42.17	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	442368	41.91	ng		100
29) 2,4-Dichlorophenol	7.869	162	307420	43.85	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	306586	41.12	ng		99
31) Naphthalene	8.016	128	1016192	41.45	ng		99
32) Benzoic acid	7.851	122	164872	40.04	ng		98
33) 4-Chloroaniline	8.080	127	298620	28.60	ng		98
34) Hexachlorobutadiene	8.127	225	190652	43.13	ng		99
35) Caprolactam	8.469	113	93983m	42.21	ng		
36) 4-Chloro-3-methylphenol	8.580	107	334648	44.44	ng		99
37) 2-Methylnaphthalene	8.710	142	658508	41.47	ng		97
38) 1-Methylnaphthalene	8.804	142	616058	41.90	ng		100
40) 1,2,4,5-Tetrachloroben...	8.874	216	320410	41.30	ng		100
41) Hexachlorocyclopentadiene	8.857	237	129474	61.36	ng		100
43) 2,4,6-Trichlorophenol	8.998	196	197199	41.20	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	198630	38.43	ng		99
46) 1,1'-Biphenyl	9.174	154	802840	41.08	ng		98
47) 2-Chloronaphthalene	9.198	162	631225	41.53	ng		99
48) 2-Nitroaniline	9.310	65	221593	44.20	ng		97
49) Acenaphthylene	9.610	152	943904	40.44	ng		99
50) Dimethylphthalate	9.480	163	734938	41.82	ng		99
51) 2,6-Dinitrotoluene	9.551	165	161948	42.01	ng	#	88
52) Acenaphthene	9.780	154	577352	41.58	ng		100
53) 3-Nitroaniline	9.727	138	126681	28.89	ng		95
54) 2,4-Dinitrophenol	9.851	184	137668	71.06	ng	#	87
55) Dibenzofuran	9.957	168	834318	41.09	ng		96
56) 4-Nitrophenol	9.916	139	121603	50.98	ng	#	77
57) 2,4-Dinitrotoluene	9.969	165	212510	44.78	ng		87
58) Fluorene	10.298	166	684088	41.82	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	185869	46.48	ng		94
60) Diethylphthalate	10.180	149	736688	43.47	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	334210	42.60	ng		93
62) 4-Nitroaniline	10.351	138	164211	37.49	ng		93
63) Azobenzene	10.451	77	765999	42.74	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	118137	39.92	ng		95
66) n-Nitrosodiphenylamine	10.416	169	640174	41.21	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	220984	42.42	ng		91
68) Hexachlorobenzene	10.851	284	252750	42.86	ng		95
69) Atrazine	10.945	200	174203	45.87	ng		98
70) Pentachlorophenol	11.057	266	156800	68.86	ng		99
71) Phenanthrene	11.263	178	998224	40.37	ng		99
72) Anthracene	11.316	178	1042155	40.64	ng		100
73) Carbazole	11.474	167	930070	40.79	ng		99
74) Di-n-butylphthalate	11.798	149	1129806	43.07	ng		99
75) Fluoranthene	12.451	202	1093238	41.24	ng		99
77) Benzidine	12.580	184	472803	46.11	ng		100
78) Pyrene	12.680	202	1072537	42.32	ng		100
80) Butylbenzylphthalate	13.292	149	469083	46.67	ng		98
81) Benzo(a)anthracene	13.874	228	916746	42.06	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	210738	26.07	ng		99
83) Chrysene	13.909	228	895887	41.87	ng		100
84) Bis(2-ethylhexyl)phtha...	13.851	149	650434	47.67	ng		99
85) Di-n-octyl phthalate	14.462	149	1046546	47.41	ng		99
87) Indeno(1,2,3-cd)pyrene	16.739	276	765699	42.14	ng		98
88) Benzo(b)fluoranthene	14.909	252	767170	40.55	ng		100
89) Benzo(k)fluoranthene	14.939	252	788799	43.90	ng		99
90) Benzo(a)pyrene	15.262	252	681846	41.73	ng		99
91) Dibenzo(a,h)anthracene	16.739	278	639427	42.74	ng		98
92) Benzo(g,h,i)perylene	17.156	276	644861	43.07	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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